

Amendments to the Claims

Please amend claims 59 and 67 as indicated in the listing of claims.

The listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

1. (Original) A substantially purified human small conductance calcium-activated channel-3 (hKCa3/KCNN3) polypeptide comprising an amino acid sequence as set forth in SEQ ID NO:2.

Claims 2-58 (Canceled)

59. (Currently Amended) A composition comprising:
 - (a) ~~a therapeutically effective amount of~~ a substantially pure hKCa3/KCNN3 polypeptide comprising an amino acid sequence as set forth in SEQ ID NO: 2;
and
 - (b) a pharmaceutically acceptable carrier.

Claims 60-64 (Canceled)

65. (Previously Presented) The composition of claim 59, wherein the carrier is a liposome.
66. (Previously Presented) The composition of claim 59, wherein the polypeptide is conjugated to a carrier protein.
67. (Currently Amended) The composition of claim ~~666~~ 66, wherein the carrier protein is selected from the group consisting of keyhole limpet hemocyanin (KLH), thyroglobulin, bovine serum albumin (BSA), and tetanus toxoid.